

PROCEEDINGS

**2010 Fourth International Conference on
Network and System Security**

—— NSS 2010 ——

**1–3 September 2010
Melbourne, Australia**

Edited by
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**Los Alamitos, California
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2010 Fourth International Conference on Network and System Security

NSS 2010

Table of Contents

Message from the NSS 2010 General Chairs.....	xii
Message from the NSS 2010 Program Chairs.....	xiii
NSS 2010 Organizers.....	xiv
NSS 2010 External Reviewers.....	xviii
ICDKE 2010 Preface.....	xix
ICDKE 2010 Organizers.....	xx
APWCS 2010 Preface.....	xxii
APWCS 2010 Organizers.....	xxiii
BFSCS 2010 Preface.....	xxiv
BFSCS 2010 Organizers.....	xxv

NSS 2010 Regular Papers

A Framework for Monitoring SIP Enterprise Networks	1
<i>Mohamed Nassar, Radu State, and Olivier Festor</i>	
Luth: Composing and Parallelizing Midpoint Inspection Devices	9
<i>Ion Alberdi, Vincent Nicomette, and Philippe Owezarski</i>	
Efficient Proof of Validity of Votes in Homomorphic E-Voting	17
<i>Kun Peng and Feng Bao</i>	
A Flexible and Efficient Alert Correlation Platform for Distributed IDS	24
<i>Sebastian Roschke, Feng Cheng, and Christoph Meinel</i>	
RF-DNA Fingerprinting for Airport WiMax Communications Security	32
<i>McKay D. Williams, Sheldon A. Munns, Michael A. Temple, and Michael J. Mendenhall</i>	
Router and Link Admittance Control in the Optimized Link State Routing Protocol Version 2 (OLSRv2)	40
<i>Thomas Clausen and Ulrich Herberg</i>	

Breaking Tor Anonymity with Game Theory and Data Mining	47
<i>Cynthia Wagner, Gerard Wagener, Radu State, Thomas Engel, and Alexandre Dulaunoy</i>	
Dynamic Trust Model for Federated Identity Management	55
<i>Hao Gao, Jun Yan, and Yi Mu</i>	
Securing Emergency Response Operations Using Distributed Trust Decisions	62
<i>Peter Danner, Daniel Hein, and Stefan Kraxberger</i>	
A Novel Threat Assessment Method for DDoS Early Warning Using Network Vulnerability Analysis	70
<i>Qiang Liu, Jian-ping Yin, Zhi-ping Cai, and Ming Zhu</i>	
The Mobile Phone as a Multi OTP Device Using Trusted Computing	75
<i>Mohammed Alzomai and Audun Jøsang</i>	
A Software Watermarking Algorithm Based on Stack-State Transition Graph	83
<i>Xu Jinchao and Zeng Guosun</i>	
DIPLOMA: Distributed Policy Enforcement Architecture for MANETs	89
<i>Mansoor Alicherry and Angelos D. Keromytis</i>	
Towards Identify Anonymization in Large Survey Rating Data	99
<i>Xiaoxun Sun and Hua Wang</i>	
A View Based Access Control Model for SPARQL	105
<i>Alban Gabillon and Léo Letouzey</i>	
Comparative Analysis of HTTP Anomaly Detection Algorithms: DFA vs N-Grams	113
<i>Li Lin, Christopher Leckie, and Chenfeng Zhou</i>	
Overcoming Reputation and Proof-of-Work Systems in Botnets	120
<i>Andrew White, Alan Tickle, and Andrew Clark</i>	
Network Forensics in MANET: Traffic Analysis of Source Spoofed DoS Attacks	128
<i>Yinghua Guo and Matthew Simon</i>	
Efficient Ideal Threshold Secret Sharing Schemes Based on EXCLUSIVE-OR Operations	136
<i>Chunli Lv, Xiaoqi Jia, Lijun Tian, Jiwu Jing, and Mingli Sun</i>	
Analysis of Credential Stealing Attacks in an Open Networked Environment	144
<i>A. Sharma, Z. Kalbarczyk, R. Iyer, and J. Barlow</i>	
Security-Oriented Workflows for the Social Sciences	152
<i>Richard O. Sinnott and Sardar Hussain</i>	
Monitoring Heavy-Hitter Flows in High-Speed Network Concurrently	160
<i>Fengyu Wang, Bin Gong, Shanqing Guo, and Xiaofeng Wang</i>	
Digging into Anonymous Traffic: A Deep Analysis of the Tor Anonymizing Network	167
<i>Abdelberi Chaabane, Pere Manils, and Mohamed Ali Kaafar</i>	
Validating Denial of Service Vulnerabilities in Web Services	175
<i>Suriadi Suriadi, Andrew Clark, and Desmond Schmidt</i>	

Information-Theoretic Detection of Masquerade Mimicry Attacks	183
<i>Juan E. Tapiador and John A. Clark</i>	
Computational Intelligence Utilisation in Simulation of Congestion Control in TCP/IP Edge Network	191
<i>Reginald Lal and Andrew Chiou</i>	
Business Process-Based Information Security Risk Assessment	199
<i>Kobra Khanmohammadi and Siv Hilde Houmb</i>	
Risk-Aware Framework for Activating and Deactivating Policy-Based Response	207
<i>Wael Kanoun, Nora Cuppens-Boulahia, Frédéric Cuppens, and Samuel Dubus</i>	
Fingerprint Reference Point Determination Based on Orientation Features	216
<i>Shan Juan Xie, Sook Yoon, Hui Gong, Jinwook Shin, and Dong Sun Park</i>	
Energy Friendly Integrity for Network Coding in Wireless Sensor Networks	223
<i>Anya Apavatjirut, Wassim Znaidi, Antoine Fraboulet, Claire Goursaud, Cédric Lauradoux, and Marine Minier</i>	
Reasoning about Relation Based Access Control	231
<i>Alessandro Artale, Bruno Crispo, Fausto Giunchiglia, Fatih Turkmen, and Rui Zhang</i>	
Trust-Involved Access Control in Collaborative Open Social Networks	239
<i>Hua Wang and Lili Sun</i>	
CALD: Surviving Various Application-Layer DDoS Attacks That Mimic Flash Crowd	247
<i>Sheng Wen, Weijia Jia, Wei Zhou, Wanlei Zhou, and Chuan Xu</i>	
NSS 2010 Short Papers	
Agent-Based Trusted On-Demand Routing Protocol for Mobile Ad Hoc Networks	255
<i>Islam Tharwat A. Halim, Hossam M.A. Fahmy, Ayman M. Bahaa El-Din, and Mohamed H. El-Shafey</i>	
Improving Fuzz Testing Using Game Theory	263
<i>Sheila Becker, Humberto Abdelnur, Jorge Lucángeli Obes, Radu State, and Olivier Festor</i>	
HTTPSLock: Enforcing HTTPS in Unmodified Browsers with Cached Javascript	269
<i>Adonis P.H. Fung and K.W. Cheung</i>	
A Node-based Trust Management Scheme for Mobile Ad-Hoc Networks	275
<i>Raihana Ferdous, Vallipuram Muthukkumarasamy, and Abdul Sattar</i>	
Adaptive Clustering with Feature Ranking for DDoS Attacks Detection	281
<i>Lifang Zi, John Yearwood, and Xin-Wen Wu</i>	
An Efficient and High Scalable Key Distribution Scheme for Mobile Ad Hoc Network through Mining Traffic Meta-data Patterns	287
<i>Ahmad Jabas, Wael Abdulal, and S. Ramachandram</i>	

Forensic Analysis of DoS Attack Traffic in MANET	293
<i>Yinghua Guo and Ivan Lee</i>	
Command Evaluation in Encrypted Remote Sessions	299
<i>Robert Koch and Gabi Dreo Rodosek</i>	
Novel Multi-bit Bitwise Adaptive Embedding Algorithms with Minimum Error for Data Hiding	306
<i>Rong-Jian Chen, Yu-Cheng Peng, Jun-Jian Lin, Jui-Lin Lai, and Shi-Jinn Horng</i>	
Organizing Access Privileges: Maximizing the Availability and Mitigating the Threat of Insiders' Knowledgebase	312
<i>Qussai Yaseen and Brajendra Panda</i>	
An Improved Wavelet Analysis Method for Detecting DDoS Attacks	318
<i>Liang Fu Lu, Mao Lin Huang, Mehmet A. Orgun, and Jia Wan Zhang</i>	
Ignorant Experts: Computer and Network Security Support from Internet Service Providers	323
<i>Patryk Szewczyk and Craig Valli</i>	
The Design of Real-Time Adaptive Forensically Sound Secure Critical Infrastructure	328
<i>Ray Hunt and Jill Slay</i>	
A Three-Factor Authenticated Key Agreement Scheme for SIP on Elliptic Curves	334
<i>Eun-Jun Yoon and Kee-Young Yoo</i>	
New Families of 2D & 3D Arrays for Sub-image Watermarking	340
<i>Oscar Moreno, Andrew Tirkel, Ron van Schyndel, and Udaya Parampalli</i>	
A Novel Anonymization Technique to Trade Off Location Privacy and Data Integrity in Participatory Sensing Systems	345
<i>Manzur Murshed, Tishna Sabrina, Anindya Iqbal, and Kh Mahmudul Alam</i>	
Automatic Generation of Assertions to Detect Potential Security Vulnerabilities in C Programs That Use Union and Pointer Types	351
<i>Shamsul Kamal Ahmad Khalid, Jacob Zimmermann, Diane Corney, and Colin Fidge</i>	
Global Detection of Flooding-Based DDoS Attacks Using a Cooperative Overlay Network	357
<i>Thaneswaran Velauthapillai, Aaron Harwood, and Shanika Karunasekera</i>	
Identifying Legitimate Clients under Distributed Denial-of-Service Attacks	365
<i>Steven Simpson, Adam T. Lindsay, and David Hutchison</i>	
A Dynamic Mutual RFID Authentication Model Preventing Unauthorized Third Party Access	371
<i>Matthieu-P. Schapranow, Alexander Zeier, and Hasso Plattner</i>	
Getting the Real-Time Precise Round-Trip Time for Stepping Stone Detection	377
<i>Ping Li, Wanlei Zhou, and Yini Wang</i>	

First International Conference on Data and Knowledge Engineering (ICDKE 2010)

ICDKE 2010 Session 1: Modeling

Cluster Based Rule Discovery Model for Enhancement of Government's Tobacco Control Strategy	383
<i>Shamsul Huda, John Yearwood, and Ron Borland</i>	
Specifying Usage Control Model with Object Constraint Language	391
<i>Min Li and Hua Wang</i>	
A Query Processing Strategy for Conceptual Queries Based on Object-Role Modeling	398
<i>António Rosado and João M.P. Cardoso</i>	
The Enablers and Implementation Model for Mobile KMS in Australian Healthcare	404
<i>Heng-Sheng Tsai and Raj Gururajan</i>	

ICDKE 2010 Session 2: Algorithms

A Smoothing Evolutionary Algorithm with Circle Search for Global Optimization	412
<i>Yuping Wang and Lei Fan</i>	
The PU-Tree: A Partition-Based Uncertain High-Dimensional Indexing Algorithm	419
<i>Yi Zhuang</i>	
An Improved PageRank Algorithm: Immune to Spam	425
<i>Bing-Yuan Pu, Ting-Zhu Huang, and Chun Wen</i>	
The Convergences of Multisplitting Parallel Methods for Non-Hermitian Positive Definite Systems	430
<i>Chuan-Long Wang and Yan-Ping Wang</i>	

ICDKE 2010 Session 3: System Approach

Systematic Clustering-Based Microaggregation for Statistical Disclosure Control	435
<i>Md Enamul Kabir and Hua Wang</i>	
Hybrid Wrapper-Filter Approaches for Input Feature Selection Using Maximum Relevance and Artificial Neural Network Input Gain Measurement Approximation (ANNIGMA)	442
<i>Shamsul Huda, John Yearwood, and Andrew Strainieri</i>	
Credit Spread Option Pricing by Dynamic Copulas	450
<i>Ping Li and Guangdong Huang</i>	
An Approach to Specify Knowledge in Multi-agent Systems Using Petri Nets	456
<i>Eder Mateus Nunes Gonçalves</i>	

ICDKE 2010 Session 4: Knowledge Discovery

Exploratory Study to Explore the Role of ICT in the Process of Knowledge Management in an Indian Business Environment	462
<i>Abdul Hafeez-Baig, Raj Gururajan, Heng Sheng Tasi, and Prema Sankaran</i>	
Resource Selection from Distributed Semantic Web Stores	470
<i>Ahmad Ali Iqbal, Maximilian Ott, and Aruna Seneviratne</i>	
Spatio-temporal Knowledge Discovery in Very Large METOC Data Sets	477
<i>D. Marks, E. Ioup, J. Sample, M. Abdelguerfi, and F. Qaddoura</i>	
Privacy-Preserving Protocols for String Matching	481
<i>Yonglong Luo, Lei Shi, Caiyun Zhang, and Ji Zhang</i>	

ICDKE 2010 Session 5: Database and Applications

A Purpose Based Access Control in XML Databases System	486
<i>Lili Sun, Hua Wang, Raj Jururajin, and Sri Sriprakash</i>	
An Efficient and Effective Duplication Detection Method in Large Database Applications	494
<i>Ji Zhang</i>	
Fast IPTV Channel Switching Using Hot-View and Personalized Channel Preload over IEEE 802.16e	502
<i>Chih-Lun Chou, Gwo-Jiun Horng, and Sheng-Tzong Cheng</i>	
A Pivot-Based Distributed Pseudo Facial Image Retrieval in Manifold Spaces: An Efficiency Study	508
<i>Yi Zhuang</i>	

ICDKE 2010 Session 6: System Architecture and Framework

OntoPsic: Leveraging the Knowledge in the Treatment and Diagnosis of Telepsychiatry	515
<i>Fabício da Costa Dias, Ryan Ribeiro de Azevedo, Cleyton Rodrigues, Eric Rommel Galvão Dantas, Guilherme Ataíde Dias, and Roberto Souto Maior de Barros</i>	
Five Criteria for Web-Services Security Architecture	521
<i>R. G. Addie and Alan Colman</i>	
A Two-Step Mutual Authentication Protocol Based on Randomized Hash-Lock for Small RFID Networks	527
<i>Kaleb Lee</i>	
vESP: A Video-Enabled Enterprise Search Platform	534
<i>Pål Halvorsen, Dag Johansen, Bjørn Olstad, Tomas Kupka, and Sverre Tennøe</i>	

First Asia-Pacific Workshop on Cyber Security (APWCS 2010)

Certificateless Proxy Signature and Its Extension to Blind Signature	542
<i>Raylin Tso and Xun Yi</i>	
A Novel Approach to Dynamic ID-Based Remote User Authentication Scheme for Multi-server Environment	548
<i>Min-Hua Shao and Ying-Chih Chin</i>	
On the Security of Identity Based Threshold Unsigncryption Schemes	554
<i>S. Sharmila Deva Selvi, S. Sree Vivek, C. Pandu Rangan, and S. Priti</i>	
A Rights Management Approach to Securing Data Distribution in Coalitions	560
<i>Farzad Salim, Nicholas Paul Sheppard, and Reiheneh Safavi-Naini</i>	
Identity Based Self Delegated Signature - Self Proxy Signatures	568
<i>S. Sharmila Deva Selvi, S. Sree Vivek, S. Gopinath, and C. Pandu Rangan</i>	
Security Analysis of Yang et al.'s Practical Password-Based Two-Server Authentication and Key Exchange System	574
<i>Xun Yi</i>	

First Workshop on Bio-inspired and Fusion Systems for Cyber Security (BFSCS 2010)

Face Gender Recognition Based on 2D Principal Component Analysis and Support Vector Machine	579
<i>Len Bui, Dat Tran, Xu Huang, and Girija Chetty</i>	
Password Entropy and Password Quality	583
<i>Wanli Ma, John Campbell, Dat Tran, and Dale Kleeman</i>	
Protecting from Attacking the Man-in-Middle in Wireless Sensor Networks with Elliptic Curve Cryptography Key Exchange	588
<i>Xu Huang, Pritam Gajkumar Shah, and Dharmendra Sharma</i>	
Secure Communication in 802.11 Networks with a Novel Protocol Using Quantum Cryptography	594
<i>Xu Huang, Shirantha Wijesekera, and Dharmendra Sharma</i>	
Scalar Multiplication of a Dynamic Window with Fuzzy Controller for Elliptic Curve Cryptography	600
<i>Xu Huang, John Campbell, and Frank Gao</i>	
Digital Video Tamper Detection Based on Multimodal Fusion of Residue Features	606
<i>Girija Chetty, Monica Biswas, and Rashmi Singh</i>	

Author Index	614
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Message from the NSS 2010 Program Chairs

A warm welcome to the 4th International Conference on Network and System Security (NSS 2010) and to Melbourne, Australia.

NSS has been a premier conference that has brought together researchers and practitioners from academia, industry, and governments around the world to advance the theories and technologies of network and system security, such as authentication, access control, availability, integrity, privacy, confidentiality, dependability, and sustainability of computer networks and systems. The goal of NSS is to establish an international forum for researchers and practitioners to present their excellent ideas and experiences in all system fields of network and system security. NSS 2010 features new results, challenging research questions, novel approaches, and innovative directions in network and system security.

NSS 2010 is the fourth event in a series of highly successful events on network and system security. Previously held were the 3rd International Conference on Network and System Security (NSS 2009, Gold Coast, Australia, October 2009), the 2nd IFIP International Workshop on Network and System Security (NSS 2008, Shanghai, China, October 2008), and the 1st IFIP International Workshop on Network and System Security (NSS 2007, Dalian, China, September 2007), respectively.

In response to the call for papers, we received 131 submissions from 44 countries in the world. These papers were evaluated on the basis of their originality, significance, correctness, relevance, and technical quality. Each paper was reviewed by at least three members of the program committee. Based on these evaluations, of the papers submitted, 33 regular papers and 21 short papers were selected for presentation at the conference, representing 25.2% of acceptance for regular papers.

We would like to thank the Program Committee members and additional reviewers from all around the world for their efforts in reviewing the large number of papers. We appreciate the dedication and professionalism all of the associated conference/workshop chairs. We would like to extend our sincere thanks to the NSS Steering Committee and to the General Chairs, Professor Wanlei Zhou and Professor Ahmad-Reza Sadeghi. They provided us with invaluable guidance throughout the process of paper selection and program organization. We also thank Georgi Cahill, the Conference Secretariat, for her professional organization.

We would also like to take this opportunity to thank all of the authors for their submissions to NSS 2010 and associated conference/workshops. Many of you have travelled some distance to participate in the conference.

Last but not least, we would like to express our gratitude to all of the organizations who have supported our efforts to bring the conference to fruition. We are grateful to Deakin University, Central Queensland University, and the IEEE Computer Society TCSC for their sponsorships and assistance.

Welcome to Melbourne and enjoy!

Yang Xiang, *Deakin University, Australia*

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September 2010

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